

In the Claims:

Please amend claims 1, 8, 11, 13, 14, 16 and 18 as follows:

1. (Currently amended) A display control apparatus connectable to a WWW server, comprising:

a memory;

a browser to request image information and a display control program from the WWW server and to download the image information and the display control program;

display control means for generating a plurality of control blocks based on the display control program which is downloaded by the browser, each of said control blocks itself having a function of requesting and downloading the image information and the display control program from the WWW server and developing images in said memory based on the image information which is downloaded by the browser or by the control block itself; and

display means for displaying an image developed in said memory and corresponding to a business which is selected from another image which is being displayed.

2. (Previously presented) The display control apparatus as claimed in claim 1, further comprising:

applet means for displaying a list of businesses based on information which is downloaded by the browser,

said display means displaying an image developed in said memory and corresponding to a business which is selected from the list.

3. (Original) The display control apparatus as claimed in claim 1, wherein said control blocks include an ID for specifying one of a display of an image, non-display of an image which is being displayed, and non-display of the image which is being displayed and display of another image.

4. (Original) The display control apparatus as claimed in claim 1, wherein said image information includes generation timing information which indicates a timing with which the image is to be developed in said memory.

5. (Original) The display control apparatus as claimed in claim 1, wherein said image information includes deletion timing information which indicates a timing with which the image developed in said memory is to be deleted.

6. (Previously presented) The display control apparatus as claimed in claim 1, wherein a first control block corresponding to a first image and a second control block corresponding to a second image which is different from said first image exchange data of the first image and data of the second image.

7. (Cancelled)

8. (Currently amended) A computer-readable storage medium which stores a computer program for causing a computer, which includes a memory and a browser which is accessible to a WWW server to download image information and a display control program, to control display, said computer program comprising:

display control means for causing the computer to generate a plurality of control blocks based on the display control program which is downloaded from the WWW server by the browser, each of said control blocks itself having a function of requesting and downloading the image information and the display control program from the WWW server and causing the computer to develop images in said memory based on the image information which is downloaded from the WWW server by the browser or by the control block itself; and

display means for causing the computer to display an image developed in said memory and corresponding to a business which is selected from another image which is being displayed.

9. (Previously presented) The storage medium as claimed in claim 8, wherein the computer program further comprises:

applet means for causing the computer to display a list of businesses based on

information which is downloaded from the WWW server by the browser,

said display means causing the computer to display an image developed in said memory and corresponding to a business which is selected from the list.

10. (Previously presented) The storage medium as claimed in claim 8, wherein a first control block corresponding to a first image and a second control block corresponding to a second image which is different from said first image cause the computer to exchange data of the first image and data of the second image.

11. (Currently amended) A business processing system which carries out business by linking to a network, comprising:

a WWW server comprising a sending section to send a business processing program to a WWW client in response to a request from the WWW client, said business processing program comprising an image control procedure to cause the WWW client to generate image information storage means, output control means and control means based on image information, said image information storage means causing the WWW client to store in a memory thereof the image information including ~~generating~~generation timing information which indicates a timing with which the image is to be developed in the memory and deletion timing information which indicates a timing with which a developed image in the memory is to be deleted, said control means causing the WWW client to refer to the

image information in the memory in order to generate or delete the image and to control switching of the image, said output control means causing the WWW client to output an image corresponding to a business if the image corresponding to the business exists in the memory and to request the image corresponding to the business to the WWW server and to download the image corresponding to the business if the image corresponding to the business does not exist in the memory; and

the WWW client, coupled to the WWW server, comprising a receiving section to receive the business processing program sent from the sending section of the WWW server, and an executing section to execute the business processing program.

12. (Previously presented) A business processing system which carries out business by linking to a network, comprising:

a WWW server comprising a sending section to send a business processing program to a WWW client in response to a request from the WWW client, said business processing program comprising an image control procedure to cause the WWW client to generate image information storage means, image check means, output control means and control means based on image information, said image information storage means causing the WWW client to store in a memory thereof image information including image ID information which indicates an ID of the image to be generated, generation timing information which indicates a timing with which the image is to be developed in the memory,

deletion timing information which indicates a timing with which a developed image in the memory is to be deleted and data region information to set data of a user, said image check means causing the WWW client to refer to the image information in the memory and to check whether an image corresponding to a business input by the user exists in the memory, said output control means causing the WWW client to output the image corresponding to the business if the image corresponding to the business exists in the memory and to request the image corresponding to the business to the WWW server and download the image corresponding to the business if the image corresponding to the business does not exist in the memory, said control means causing the WWW client to delete the image in the memory depending on a number of images managed in the memory; and

the WWW client, coupled to the WWW server, comprising a receiving section to receive the business processing program sent from the sending section of the WWW server, and an executing section to execute the business processing program.

13. (Currently amended) A WWW server connectable via a network to a WWW client which carries out business processing, comprising:

a receiving section to receive a request from the WWW client via the network;

and

a sending section to send business processing program to the WWW client via the network in response to the request from the WWW client,

said business processing program comprising:

an image information storage procedure to cause the WWW client to store in a memory thereof image information including generation timing information which indicates a timing with which the image is to be developed in the memory and deletion timing information which indicates a timing with which a developed image in the memory is to be deleted; and

an output control procedure to cause the WWW client to output an image corresponding to a business if the image corresponding to the business exists in the memory and to request the image corresponding to the business to the WWW server and to download the image corresponding to the business if the image corresponding to the business does not exist in the memory; and

a control procedure to cause the WWW client to refer to the image information in the memory in order to generate or delete the image and to control switching of the image.

14. (Currently amended) A computer-readable storage medium which stores a business processing program for causing a WWW client to carry out a business by linking with a WWW server via a network, said business processing program comprising:

an image control procedure to cause the WWW client to generate image information storage means, output control means and control means based on image information,

said image information storage means causing the WWW client to store in a memory thereof image information including generation timing information which indicates a timing with which the image is to be developed in the memory and deletion timing information which indicates a timing with which a developed image in the memory is to be deleted,

said output control means causing the WWW client to output an image corresponding to a business if the image corresponding to the business exists in the memory and to request the image corresponding to the business to the WWW server and to download the image corresponding to the business if the image corresponding to the business does not exist in the memory;

said control means causing the WWW client to refer to the image information in the memory in order to generate or delete the image to control switching of the image.

15. (Previously presented) A computer-readable storage medium which stores a business processing program for causing a WWW client to carry out a business by linking with a WWW server via a network, said business processing program comprising:

an image control procedure to cause the WWW client to generate image information storage means, image check means, output control means and control means based on image information,

said image information storage means causing the WWW client to store in a



memory thereof image information including image ID information which indicates an ID of the image to be generated, generation timing information which indicates a timing with which the image is to be developed in the memory, deletion timing information which indicates a timing with which a developed image in the memory is to be deleted and data region information to set data of a user,

said image check means causing the WWW client to refer to the image information in the memory and to check whether an image corresponding to a business input by the user exists in the memory,

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said output control means causing the WWW client to output the image corresponding to the business if the image corresponding to the business exists in the memory and to request the image corresponding to the business to the WWW server and download the image corresponding to the business if the image corresponding to the business does not exist in the memory,


said control means causing the WWW client to delete the image in the memory depending on a number of images managed in the memory.

16. (Currently amended) A business processing method for carrying out a business in a WWW client by linking with a WWW server via a network, said business processing method comprising the steps of:

(a) requesting image information and a program ~~to~~from the WWW server;

(b) storing in a memory of the WWW client the image information including ~~generating~~generation timing information which indicates a timing with which the image is to be developed in the memory and deletion timing information which indicates a timing with which a developed image in the memory is to be deleted; and

(c) outputting an image corresponding to a business if the image corresponding to the business exists in the memory and requesting the image corresponding to the business to the WWW server and downloading the image corresponding to the business if the image corresponding to the business does not exist in the memory; and

 (e)(d) referring to the image information in the memory in order to generate or delete the image and to control switching of the image.

17. (Previously presented) A business processing method for carrying out a business in a WWW client by linking with a WWW server via a network, said business processing method comprising the steps of:

(a) requesting image information and a program from the WWW server;

(b) storing in a memory of the WWW client image information including image ID information which indicates an ID of the image to be generated, generation timing information which indicates a timing with which the image is to be developed in the memory, deletion timing information which indicates a timing with which a developed image in the memory is to be deleted, and data region information to set data of a user;

(c) referring to the image information in the memory to check whether an image corresponding to the business input by the user exists in the memory;

(d) outputting the image corresponding to the business if the image corresponding to the business exists in the memory, and requesting the image corresponding to the business from the WWW server and downloading the image corresponding to the business if the image corresponding to the business does not exist in the memory; and

(e) deleting the image in the memory depending on a number of images managed in the memory.

18. (Currently amended) A display control method for controlling display of images in a client which has a memory, comprising the step of:

requesting image information and a display control program to a server and downloading the image information and the display control program by a browser;

generating a plurality of control blocks based on the display control program which is downloaded by the browser, each of said control blocks itself having a function of requesting and downloading the image information and the display control program from the server and developing images in the memory based on the image information which is downloaded by the browser or by the control block itself; and

display means for displaying an image developed in the memory and corresponding to a business which is selected from a business list which is being displayed.

19. (Previously presented) The display control method as described in claim 18, wherein said generating step generates a first control block corresponding to a first image and a second control block corresponding to a second image which is different from the first image, said first control block and said second control block exchanging data of the first image and data of the second image.

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